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Department of Toxic Substances Control

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MEMORANDUM

TO: DTSC File for: Heraeus Metal Processing, LLC.
15524 Carmenita Road
Santa Fe Springs, California, 96070

FROM: Joanna Louie
Hazardous Substances Engineer
Used Oil and Tanks Team

DATE: September 26, 2011

SUBJECT: CHANGES FROM DRAFT PERMIT TO FINAL PERMIT

Following is a summary of changes from the draft to Final Permit. A redline/strikeout version of the document that shows these changes is in the file.

1. Administrative Changes Applicable to the Entire Permit:
 - a. Inserted effective date as October 31, 2011 and expiration date as October 31, 2021 on cover page of Permit and changed total pages to 51.
 - b. Added EPA ID number to cover page
 - c. Removed Draft from the title of the Permit
 - d. Removed "Draft" in the header.
 - e. Corrected typographical errors throughout the Permit.
 - f. Corrected formatting.
2. Specific Changes from the Draft to Final Permit:
 - a. The address "15301 Alondra Blvd. was changed to "13501 Alondra Blvd."
 - b. The listed parcel numbers were changed to 7005-014-043 and 7005-014-070.
 - c. "and other platinum group metals" was added to the Description of the Facility Operations
 - d. The "1972" operation date was changed to "1970" if the Facility History.
 - e. Part IV Unit #2 Specific Special Condition 1 was changed to:

"The Permittee shall complete construction of this Unit and have the Unit certified by a professional engineer in accordance with California Code of Regulations, Title 22, Section 66264.175 within five months of the effective date of this Permit."

- f. The reference to SCAQMA Rule 1407 and 1420 were removed from Unit #4 Tray Furnaces, Unit #5 Ball Mills, Unit #6 Screeners, Unit #7 Blenders, Unit #8 Refinery Kettles, and Unit #11 Crucible Furnaces.
- g. A sentence in Unit #4 Tray Furnaces Activity Description was revised to read, "The ash is milled, screened, and blended and is then sent either to the refinery or to an outside processor for refining."
- h. A sentence in Unit #5 Ball Mills Activity Description was revised to read, "This unit grinds the ash received from the Tray Furnaces (Unit #4) or material which do not require thermal treatment into a fine powder."
- i. Waste Stream A Spent Catalyst was added to Unit #6 Screeners Waste Types.
- j. Waste Stream A Spent Catalyst was added to Unit #7 Blenders Waste Types.
- k. "Treatment in a batch process" was removed from Unit #16 Equalization Tanks.
- l. The Activity Description for Unit #17 Neutralization Tanks was changed to read:

This Unit receives wastewater from the equalization tanks (Unit #16). Lime or other neutralization agents are added into the neutralization tanks to achieve a target pH. Chemical agent addition is controlled by pH sensors in the tank. Treatment is conducted in a continuous process.

- m. The Maximum Capacity for Unit #17 Neutralization Tanks was changed to, "The total treatment capacity is 60 gallons per minute."
- n. A sentence in the Unit #18 Flocculation Tank Activity description was changed to read, "Treatment is conducted in a continuous process."
- o. The Maximum Capacity of Unit #18 Flocculation Tank was changed to read, "The total treatment capacity is 60 gallons per minute."
- p. A sentence in the Activity Description of Unit #19 Two-Stage Clarifier was changed to read, "Treatment is conducted in a continuous process."
- q. The Maximum Capacity of Unit #19 Two-Stage Clarifier was changed to read, "The total treatment capacity is 60 gallons per minute."
- r. The Physical Description of Unit #26 Ammonia Recovery System was changed to, "This Unit consists of one (1) fiberglass reinforced plastic column measuring 16" in diameter and 47'6" high with a capacity of five hundred (500) gallons."
- s. The sentence, "The maximum tank capacity is five hundred (500) gallons" was added to Unit #26 Ammonia Recovery System Maximum Capacity.